

# METHOD FOR MANUFACTURING OLEFINIC BLOCK COPOLYMER

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- European:

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**Abstract of JP 2002206007 (A)**

**PROBLEM TO BE SOLVED:** To manufacture an olefinic block copolymer having a small molecular weight distribution (Mw/Mn). **SOLUTION:** The olefin block copolymer having a molecular weight distribution (Mw/Mn) of 1-1.3 is manufactured by subjecting a 2-20C olefinic monomers to block polymerization at a low temperature in the presence of a catalyst consisting of (A) a hafnium- or zirconium-containing compound having one or two cyclopentadienyl skeletons and (B) a triphenyl boron compound or a tetraphenyl boron salt compound, and optionally a specific mono-, di- or trialkyl aluminum compound. In some case, an obtained propylene block copolymer is blended with a propylene (co)polymer other than the propylene block copolymer, and this results in obtaining a propylene block copolymer composition in which the copolymer is dispersed in a very fine state.



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